| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|----------|---------|--|---|---------------------|---------|------------------|
| L1 | 170 | dac and "digital modulator" and (basestation bts base) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/12/27 08:09 |
| S1 | 3 | sung with bae with moon | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/07/09 08:39 |
| S2 | 10063 | moon.in. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON . | 2003/11/26 12:13 |
| S3 | 0 | moon.in. with cdma | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2003/11/26 12:13 |
| S4 | 129 | moon.in. and cdma | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2003/11/26 12:14 |
| S5 | 5 | cdma and dac and filter and base and "channel card" and modulator | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2003/11/26 12:29 |
| S6 | 0 | "channel card" and dac and if and rf and filter and saw | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2003/11/26 12:31 |
| S7 | 28 | "channel card" and dac | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2003/11/26 12:44 |
| S8 | 276 | up-converter and cdma | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2003/12/01 10:19 |

| S9 | 6 | "3.75" with saw | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2003/11/26 15:36 |
|-----|-----|--|---|----|----|------------------|
| S10 | 5 | "3.75" with cdma | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2003/11/26 15:38 |
| S11 | 3 | "3.75" and finger and cdma and saw and filter | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2003/11/26 15:48 |
| S12 | 20 | ("5101501" "5103459" "5109390" "5490165" "5506865" "5697055" "5722053" "5758266" "5846621" "5917811" "5950131" "5978423" "5983105" "5987012" "6035197" "6091963" "6151354" "6160799" "6175587" "6216004" "2002/0082019").PN. | USPAT | OR | ON | 2003/12/12 08:30 |
| S13 | 169 | "3.75 mhz" "3.75mhz" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2003/12/12 20:28 |
| S14 | 30 | cdma and ("3.75 mhz" "3.75mhz") | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2003/11/26 15:58 |
| S15 | 0 | "20030003913".URPN. | USPAT | OR | ON | 2003/11/26 15:52 |
| S16 | 1 | "3.75" with mhz and cdma and qpsk and I/Q | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2003/11/26 15:59 |
| S17 | 13 | ("5579347" "5778022" "5826180" "5892792" "5937335" "5999578" "6185418" "6246675" "6246867" "6301287" "6334051" "6366622" "6411646").PN. | USPAT | OR | ON | 2003/11/26 16:00 |
| S18 | 0 | "6631170".URPN. | USPAT | OR | ON | 2003/11/26 16:01 |
| S19 | 0 | "6631170".URPN. | USPAT | OR | ON | 2003/11/26 16:01 |

| S20 | 6 | (("6046992") or ("5625623") or ("5657374")).PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2003/11/29 23:23 |
|-----|-----|--|---|----|-----|------------------|
| S21 | 176 | up-converter and dac | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2003/12/01 11:05 |
| S22 | 0 | cn0100817.pn. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2003/12/01 11:06 |
| S23 | 0 | cn0100817.did. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2003/12/01 11:06 |
| S24 | 1 | "0100817".did. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2003/12/01 11:06 |
| S25 | 0 | cn-0100817-\$.did. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2003/12/01 11:11 |
| S26 | 0 | "00817".pn. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2003/12/01 11:08 |
| S27 | 196 | "00817" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2003/12/01 11:09 |
| S28 | 0 | "20030162514".URPN. | USPAT | OR | ON | 2003/12/01 11:09 |
| S29 | 1 | pct/cn01/00817 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2003/12/01 11:09 |

| S30 | 1 | "0100817".pn. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2003/12/01 11:11 |
|-----|-------|---|---|----|-----|------------------|
| S31 | 2 | ("6268818").PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2003/12/12 08:44 |
| S32 | 5 | ("3987280" "4618818" "4675881" "4855894" "5805619").PN. | USPAT | OR | ON | 2003/12/12 08:31 |
| S33 | 2 | "6268818".URPN. | USPAT | OR | ON | 2003/12/12 08:32 |
| S34 | 330 | (375/146).CCLS. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2003/12/12 09:23 |
| S35 | 33 | "5712869".URPN. | USPAT | OR | ON | 2003/12/12 09:13 |
| S36 | 299 | (375/216).CCLS. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2003/12/12 09:24 |
| S37 | 16385 | "radio transmitter" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2003/12/12 09:24 |
| S38 | 849 | "channel card" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/06/23 13:08 |
| S39 | 15 | "channel card" and saw | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2003/12/12 09:26 |
| S40 | 673 | cdma and "radio transmitter" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2003/12/12 09:27 |

| S41 | 36 | cdma and "radio transmitter" and channel and dac | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2003/12/12 09:32 |
|-----|-----|--|---|----|----|------------------|
| S42 | 38 | cdma and "radio transmitter" and dac | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2003/12/12 09:32 |
| S43 | 551 | cdma and "radio transmitter" and channel | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2003/12/12 09:44 |
| S44 | 450 | (cdma and "radio transmitter") and "base station" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2003/12/12 09:56 |
| S45 | 142 | (cdma and "radio transmitter") and "base station" and modulator | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2003/12/12 09:50 |
| S46 | 308 | ((cdma and "radio transmitter") and "base station") not ((cdma and "radio transmitter") and "base station" and modulator) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2003/12/12 09:50 |
| S47 | 223 | (cdma and "radio transmitter") not ((cdma and "radio transmitter") and "base station") | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2003/12/12 10:09 |
| S48 | 890 | analog and digital and filter and rf and converter and modulator and antenna and cdma | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2003/12/12 17:50 |
| S49 | 157 | (analog and digital and filter and rf and converter and modulator and antenna and cdma) and saw | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2003/12/12 10:40 |
| S50 | 733 | (analog and digital and filter and rf and converter and modulator and antenna and cdma) not ((analog and digital and filter and rf and converter and modulator and antenna and cdma) and saw) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2003/12/12 10:40 |

| | | | 110 000110 | | ON . | 2002/42/42 42 52 |
|-----|-------|--|---|----|------|------------------|
| S51 | 197 | ((analog and digital and filter and rf and converter and modulator and antenna and cdma) not ((analog and digital and filter and rf and converter and modulator and antenna and cdma) and saw)) and qpsk | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2003/12/12 12:30 |
| S52 | 849 | "channel cards" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2003/12/12 12:31 |
| S53 | 118 | "channel cards" and cdma | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2003/12/12 15:56 |
| S54 | 2253 | "frequency allocation" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2003/12/12 12:45 |
| S55 | 14992 | hynix | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2003/12/12 12:47 |
| S56 | 443 | "frequency allocation" and cdma | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2003/12/12 12:46 |
| S57 | 14985 | "hynix semiconductor" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2003/12/12 12:47 |
| S58 | 4 | ("frequency allocation" and cdma) and "hynix semiconductor" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2003/12/12 12:50 |
| S59 | 69 | ("up-converter" "up converter" upconverter) with cdma | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2003/12/12 12:51 |
| S60 | 31 | "digital modulator" and "low pass filter" and "interpolation filter" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2003/12/12 15:57 |

| S61 | 0 | "6563883".URPN. | USPAT | OR | ON | 2003/12/12 16:41 |
|-----|------|---|---|------|-----|------------------|
| S62 | 55 | ("4878030" "4890070" "5101175" "5109538" "5118965" "5152004" "5164884" "5204643" "5214309" "5214372" "5230091" "5241694" "5257257" "5276917" "5291147" "5363057" "5392464" "5394391" "5404585" "5416435" "5420889" "5426670" "5432473" "5434537" "5491718" "5493255" "5530923" "5533013" "5548616" "5550893" "5564074" "5566201" "5589795" "5590160" "5596571" "5675611" "5697074" "5703873" "5715279" "5745016" "5752172" "5786728" "5881097" "5884149" "5887252" "5905946" "5909643" "6240279" "6252912").PN. | USPAT | OR . | ON | 2003/12/12 16:41 |
| S63 | 2 | ("6286994").PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2003/12/12 17:51 |
| S64 | 22 | "1.25Mhz" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2003/12/12 17:51 |
| S65 | 22 | "1.25Mhz" "1.25MHz" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2003/12/12 17:56 |
| S66 | 1162 | "1.25Mhz" "1.25MHz" "1.25 MHz" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2003/12/12 17:56 |

| S67 | 588 | cdma and ("1.25Mhz" "1.25MHz" "1.25 MHz") | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2003/12/12 18:17 |
|-----|-----|--|---|----|-----|------------------|
| S68 | 17 | ("1.25Mhz" "1.25MHz" "1.25 MHz") with local | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2003/12/12 18:04 |
| S69 | 2 | ("5103459").PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2003/12/12 18:04 |
| S70 | 416 | cdma and ("1.25Mhz" "1.25MHz" "1.25 MHz") and filter | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2003/12/12 18:17 |
| S71 | 338 | cdma and ("1.25Mhz" "1.25MHz" "1.25 MHz") and filter and transmitter | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2003/12/12 18:18 |
| S72 | 74 | cdma and ("1.25Mhz" "1.25MHz" "1.25 MHz") and filter and transmitter and saw | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2003/12/12 18:32 |
| S73 | 2 | ("6216004").PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2003/12/12 18:38 |
| S74 | 5 | "3.75\$1Mhz" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2003/12/12 18:40 |
| S75 | 2 | "3.75\$1Mhz" and saw | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2003/12/12 19:12 |

| S76 | 2 | ("6519456").PN. | US-PGPUB; | OR | OFF | 2003/12/12 19:15 |
|-----|-----|--|---|-----|-------------|--------------------|
| 3/0 | 2 | (0313430).i N. | USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | 51. | 5. . | 2303, 22, 22 13.13 |
| S77 | 5 | "3.75\$1MHz" "3.75\$1Mhz" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2003/12/12 20:46 |
| S78 | 2 | ep-817369-\$.did. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2003/12/12 20:52 |
| S79 | 4 | (("5930301") or ("6268818") or ("6286994") or ("6519456")).PN. | USPAT; USOCR | OR | OFF | 2004/05/27 15:09 |
| S80 | 8 | (("6052378") or ("6208844") or ("6216004") or ("6292652") or ("6370109") or ("6430169") or ("6473133") or ("6473416")).PN. | USPAT; USOCR | OR | OFF | 2004/05/27 15:10 |
| S81 | 1 | ("20030214926").PN. | US-PGPUB; USOCR | OR | OFF | 2004/05/27 15:10 |
| S82 | 9 | ((("6052378") or ("6208844") or ("6216004") or ("6292652") or ("6370109") or ("6430169") or ("6473133") or ("6473416")).PN.) (("20030214926").PN.) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/05/27 15:10 |
| S85 | 0 | "channel card" with "digital modulator" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/06/23 13:09 |
| S86 | 12 | "channel card" and "digital modulator" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/07/06 13:28 |
| S87 | 1 | 2003-360552.NRAN. | DERWENT | OR | ON | 2005/06/23 13:11 |
| 588 | 56 | dac with "digital modulator" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/07/06 13:36 |
| S89 | 150 | dac and "digital modulator" and (basestation bts base) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/07/06 13:36 |

| S90 | 121 | S89 not S88 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/07/06 13:58 |
|-----|-----|---|---|----|-----|------------------|
| S91 | 2 | 09/172719 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/07/06 13:58 |
| S92 | 3 | (("5838732") or ("6535478") or ("6240081")).PN. | USPAT | OR | OFF | 2005/07/09 08:39 |

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|----------|------|---|----------|---------------------|---------|------------------|
| L2 | 197 | (RF and digital and modulator and (add\$4 coupl\$4)).clm. | US-PGPUB | OR | ON | 2005/12/27 08:41 |